California Marine Life Protection Act Initiative Proposed Uses for Round 2 Draft MPA Proposals from North Coast Tribes and Tribal Communities

Input received through July 29, 2010

Marine Life Protection Act (MLPA) Initiative and California Department of Fish and Game staff met with north coast tribes and tribal communities between May, June and July 2010 regarding Round 2 draft marine protected area (MPA) proposals developed for the MLPA North Coast Project; this document identifies proposed uses for Round 2 draft MPA proposals that north coast tribes and tribal communities would like the MLPA North Coast Regional Stakeholder Group (NCRSG) to consider for Round 3 MPA proposals.

Input from tribes and tribal communities was collected from a series of outreach meetings with and public comments made during MLPA Initiative open houses. Input on proposed uses is described for specific MPAs or groups of MPAs from Round 2 draft MPA proposals and is aggregated to protect confidentiality of individuals who contributed. Further, the proposed uses are described by category of species, individual species, and gear type. Additional comments on specific MPAs or groups of MPAs from Round 2 draft MPA proposals also are noted. This document does not contain a comprehensive list of proposed uses; additional input may be provided directly to the NCRSG, MLPA Blue Ribbon Task Force, MLPA Master Plan Science Advisory Team, and/or MLPA Initiative staff.

Several acronyms are used in the following tables:

- SMCA = state marine conservation area
- SMP = state marine park
- SMR = state marine reserve
- SMRMA = state marine recreational management area

Table 1. Proposed uses for Navarro River Estuary SMCA, Albion River Estuary SMCA, and Big River Estuary SMP.

Navarro River Estuary SMCA/ Albion River Estuary SMCA/ Big River Estuary SMP		
Category of Species	Species	Gear Type
	lingcod	hook and line, throw line
	rockfish	hook and line
	sculpin	hook and line
groundfish	cabezon	hook and line, string of throw lines/hooks
	kelp greenling	hook and line
	rock greenling	hook and line
stickleback	stickleback fish	hook and line

Navarro River Estuary	SMCA/ Albion River Estuary SMC	A/ Big River Estuary SMP
Category of Species	Species	Gear Type
eels	Pacific lamprey	spear, bow and arrow
0.46.1	California halibut	hook and line
flatfish	Pacific halibut	hook and line
, ,	redtail surfperch	hook and line from shore, cast net
surfperch	other surfperch including shiner surfperch	hook and line from shore, cast net
smelt	surf smelt and night smelt	dip net, cast net, Hawaiian-type throw nets
	eulachon	dip net, beach net
sea trout		string of throw lines/hooks
coastal pelagic species1	as listed	dip net, round-haul, hand harves
pelagic finfish	Pacific herring	dip net, cast net
salmon ²	as listed	troll, hook and line, gill net, gig, gaff
	California mussel	hand harvest, hand appliances
	oyster	hand harvest, hand appliances
	rock scallop	hand harvest, dive knife, abalond iron, bar
clams, mussels, and other bivalves	Pacific and fat gaper clam	hand or hand appliances
bivaives	butter or smooth Washington clams	hand or hand appliances
	Pacific razor clam	hand or hand appliances
	quohog	hand or hand appliances
other clams ³	as listed	hand or hand appliances
	gooseneck barnacle	hand or hand appliances
barnacles	acorn barnacle	hand or hand appliances
	stalked barnacle	hand or hand appliances
snails and abalone	red abalone	free-diving, hand harvest,

¹ Coastal pelagic species include northern anchovy, Pacific sardine, Pacific mackerel, and jack mackerel.

² Salmon include Chinook, Coho, steelhead/rainbow trout, cutthroat trout, and other salmon.

³ Clams include jackknife, geoduck, heart cockle, Nuttall's and other cockles, Pacific littleneck, Japanese littleneck (*Prothaca*), and Eastern soft-shell clams.

Navarro River Estuary SMCA/ Albion River Estuary SMCA/ Big River Estuary SMP		
Category of Species	Species	Gear Type
		abalone iron
	black abalone	hand harvest
	Nucella	hand harvest
	black turban	hand harvest
	brown turban	hand harvest
	periwinkle	hand harvest
	checkered periwinkle	hand harvest
	Olivella	hand harvest
	Chinese hat	hand harvest
	slipper limpet	hand harvest
limpets	shield limpet	hand harvest
	other limpets	hand harvest
	gumboot (China slipper)	hand harvest, abalone iron
chitons	mossy chiton	hand harvest
	woody chiton	hand harvest
crab	Dungeness crab	trap, hoop net
other crabs ⁴	as listed	trap, hoop net
Other Crabs	purple shore crab	bait/line and cloth bag
	squid	spear, bow and arrow
	market squid	net
octopus and squid	Pacific red octopus	hand or hand appliances (sharp stick)
octopus and squid	two spot octopus	hand or hand appliances (sharp stick)
	giant Pacific octopus	hand or hand appliances (sharp stick)
	coonstripe shrimp	trap
shrimp	spot prawn	trap
· 	bay ghost shrimp	cloth bag
urchin	red sea urchin	hand or hand appliances, diving, dive knife, rock pick

 $^{^{\}rm 4}$ Crabs include yellow, rock, slender, red, and purple shore crabs.

Navarro River Estuary SMCA/ Albion River Estuary SMCA/ Big River Estuary SMP		
Category of Species	Species	Gear Type
	purple sea urchin	hand or hand appliances, diving, dive knife, rock pick
	giant green sea anemone	hand harvest, dive knife, bar, abalone iron
other invertebrates	other anemones	dive knife, bar
	California sea cucumber	hand harvest
	dentalium	hand harvest
	giant kelp	hand harvest
seaweed and plants	bull kelp	hand harvest
Scawccu and plants	sea palm	commercial intertidal hand harvest, hand harvest, knife
canopy forming algae⁵	as listed	intertidal hand harvest
turf forming and foliose algae ⁶	as listed	intertidal hand harvest
seabirds	eggs	hand harvest
feathers ⁷	as listed	hand harvest
	sea lions	harpoon, spear, tow lines
mammals	seals	harpoon, spear, tow lines
	whales	harpoon, spear, tow lines
	shells ⁸	hand harvest
and a significant reserves as	pebbles	hand harvest
geological resources	driftwood	hand harvest
	seasalt	hand harvest

⁵ Canopy forming algae include wakame, ocean ribbons, kombu, sweet kombu, feather boa, bladder wrack or rockweed, and walking-stick.

⁶ Turf forming and foliose algae include nori/laver, sea lettuce, Turkish towel, and Mendocino grapestone.

⁷ Bird feathers include feathers from Great Blue Heron, duck, osprey, eagle, Brown Pelican, gulls and other shorebirds.

⁸ Shells used on cultural items separate from food uses include red abalone, dentilium, Washington clam, *Olivella*.

Navarro River Estuary SMCA

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Councils:

"The Council supports the second proposal that would prohibit all non-Indian take and allow Tribal uses as defined in the Policy, and provide for co-management by the Tribes."

Big River Estuary SMP

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Councils:

"The Council favors the use of the wording: "Tribal uses are specifically accommodated, along with certain recreational uses by non-Indians." This wording defines Tribal use as unique, and restricts non-Indian use to the category of "recreational," which is appropriate."

Albion River Estuary SMCA

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Councils:

"As with the other MPAs, state that co-management with the Tribes "shall" be allowed rather than "should" be allowed."

Table 2. Proposed uses for Van Damme SMCA, Russian Gulch SMCA, and Point Cabrillo SMCA.

Van Damme SMCA/ Russian Gulch SMCA/ Point Cabrillo SMCA		
Category of Species	Species	Gear Type
	lingcod	hook and line, throw line
	rockfish	hook and line
	sculpin	hook and line
groundfish	cabezon	hook and line, string of throw lines/hooks
	kelp greenling	hook and line
	rock greenling	hook and line
stickleback	stickleback fish	hook and line
eels	Pacific lamprey	spear, bow and arrow
	California halibut	hook and line
flatfish	Pacific halibut	hook and line
surfperch	redtail surfperch	hook and line from shore, cast

Van Damme SMCA/ Russian Gulch SMCA/ Point Cabrillo SMCA		
Category of Species	Species	Gear Type
	•	net
	other surfperch including shiner surfperch	hook and line from shore, cast net
smelt	surf smelt and night smelt	dip net, cast net, Hawaiian-type throw nets
	eulachon	dip net, beach net
sea trout		string of throw lines/hooks
coastal pelagic species9	as listed	dip net, round-haul, hand harvest
pelagic finfish	Pacific herring	dip net, cast net
salmon ¹⁰	as listed	troll, hook and line, gill net, gig, gaff
	California mussel	hand harvest, hand appliances
	oyster	hand harvest, hand appliances
	rock scallop	hand harvest, dive knife, abalone iron, bar
clams, mussels, and other bivalves	Pacific and fat gaper clam	hand or hand appliances
bivaives	butter or smooth Washington clams	hand or hand appliances
	Pacific razor clam	hand or hand appliances
	quohog	hand or hand appliances
other clams ¹¹	as listed	hand or hand appliances
	gooseneck barnacle	hand or hand appliances
barnacles	acorn barnacle	hand or hand appliances
	stalked barnacle	hand or hand appliances
	red abalone	free-diving, hand harvest, abalone iron
Snails and abalone	black abalone	hand harvest
	Nucella	hand harvest
	black turban	hand harvest

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⁹ Coastal pelagic species include northern anchovy, Pacific sardine, Pacific mackerel, and jack mackerel.

¹⁰ Salmon include Chinook, Coho, steelhead/rainbow trout, cutthroat trout, and other salmon.

¹¹ Clams include jackknife, geoduck, heart cockle, Nuttall's and other cockles, Pacific littleneck, Japanese littleneck (*Prothaca*), and Eastern soft-shell clams.

Van Damme SMCA/ Russian Gulch SMCA/ Point Cabrillo SMCA		
Category of Species	Species	Gear Type
	brown turban	hand harvest
	periwinkle	hand harvest
	checkered periwinkle	hand harvest
	Olivella	hand harvest
	Chinese hat	hand harvest
	slipper limpet	hand harvest
limpets	shield limpet	hand harvest
	other limpets	hand harvest
	gumboot (China slipper)	hand harvest, abalone iron
chitons	mossy chiton	hand harvest
	woody chiton	hand harvest
crab	Dungeness crab	trap, hoop net
ath ar archal2	as listed	trap, hoop net
other crabs ¹²	purple shore crab	bait/line and cloth bag
	squid	spear, bow and arrow
	market squid	net
octopus and squid	Pacific red octopus	hand or hand appliances (sharp stick)
	two spot octopus	hand or hand appliances (sharp stick)
	giant Pacific octopus	hand or hand appliances (sharp stick)
	coonstripe shrimp	trap
shrimp	spot prawn	trap
	bay ghost shrimp	cloth bag
urchin	red sea urchin	diving, hand or hand appliance, dive knife, rock pick
	purple sea urchin	diving, hand or hand appliance, dive knife, rock pick
other invertebrates	giant green sea anemone	hand harvest, dive knife, bar, abalone iron

 $^{^{\}rm 12}$ Crabs include yellow, rock, slender, red, and purple shore crabs.

Van Damme SMCA/ Russian Gulch SMCA/ Point Cabrillo SMCA		
Category of Species	Species	Gear Type
	other anemones	dive knife, bar
	California sea cucumber	hand harvest
	dentalium	hand harvest
seabirds	eggs	hand harvest
feathers ¹³	as listed	hand harvest
	giant kelp	hand harvest
seaweed and plants	bull kelp	hand harvest
scawced and plants	sea palm	commercial intertidal hand harvest, hand harvest, knife
canopy forming algae14	as listed	intertidal hand harvest
turf forming and foliose algae ¹⁵	as listed	intertidal hand harvest
	sea lions	harpoon, spear, tow lines
mammals	seals	harpoon, spear, tow lines
	whales	harpoon, spear, tow lines
	shells ¹⁶	hand harvest
and animal resources	pebbles	hand harvest
geological resources	driftwood	hand harvest
	seasalt	hand harvest

Van Damme SMCA

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Councils:

"The Board is concerned about the apparent restrictions against Tribal uses, and needs further explanation about planned uses and restrictions for this proposed MPA."

¹³ Feathers include feathers from Great Blue Heron, duck, osprey, eagle, Brown Pelican, gulls, and other shorebirds.

¹⁴ Includes all canopy forming algae listed in the data sheet: wakame, ocean ribbons, kombu, sweet kombu, feather boa, bladder wrack or rockweed, and walking-stick.

¹⁵ Turf forming and foliose algae includes nori/laver, sea lettuce, Turkish towel, and Mendocino grapestone.

¹⁶ Shells that are used on cultural items separate from food uses but are historically as important: red abalone, dentilium, Washington clam, *Olivella*.

Russian Gulch SMCA

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Councils:

"Clarify that the Tribes do not fall under "recreational" and that Tribal uses should be allowed."

Point Cabrillo SMCA

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Councils:

"The Council supports the Sapphire #1 proposal. The Council needs written confirmation that "traditional...activities" means the take of any and all species that are traditionally used by Tribes."

Table 3. Proposed uses for MacKerricher SMCA.

MacKerricher SMCA		
Category of Species	Species	Gear Type
	lingcod	hook and line, throw line
	rockfish	hook and line
	sculpin	hook and line
groundfish	cabezon	hook and line, string of throw lines/hooks
	kelp greenling	hook and line
	rock greenling	hook and line
stickleback	stickleback fish	hook and line
eels	Pacific lamprey	spear, hook, hoop net, bow and arrow
0.01	California halibut	hook and line
flatfish	Pacific halibut	hook and line
	redtail surfperch	hook and line from shore, dip net, cast net
surfperch	other surfperch including shiner surfperch	hook and line from shore, dip net, cast net
smelt	surf smelt and night smelt	dip net, cast net, Hawaiian-type throw nets
	eulachon	dip net, beach net
sea trout		string of throw lines and hooks

MacKerricher SMCA		
Category of Species	Species	Gear Type
coastal pelagic species ¹⁷	as listed	dip net, round-haul, hand harvest
pelagic finfish	Pacific herring	dip net, cast net
salmon ¹⁸	as listed	troll, hook and line, gill net, gig, gaff
	gooseneck barnacle	hand or hand appliances
h a wa a al a a	acorn barnacle	hand or hand appliances
barnacles	giant barnacle	hand or hand appliances
	stalked barnacle	hand or hand appliances
	gumboot (China slipper)	hand harvest, hand or hand appliances, abalone iron,
chitons	mossy chiton	hand harvest
	woody chiton	hand harvest
	California mussel	hand harvest, hand appliances
	oyster	hand harvest, hand appliances
	rock scallop	hand harvest, dive knife, abalone iron, bar
	Pacific and fat gaper clam	hand or hand appliances
clams, mussels, and other bivalves	butter or smooth Washington clams	hand or hand appliances
	Pacific razor clam	hand or hand appliances
	quohog	hand or hand appliances
	California mussel	hand or hand appliances
	oyster	hand or hand appliances
	Pacific littleneck clam	hand or hand appliances
other clams ¹⁹	as listed	hand or hand appliances
crab	Dungeness crab	trap, hoop net
other crabs ²⁰	as listed	trap, hoop net

¹⁷ Coastal pelagic species include northern anchovy, Pacific sardine, Pacific mackerel, and jack mackerel.

¹⁸ Salmon include Chinook, Coho, steelhead/rainbow trout, cutthroat trout and other salmon.

¹⁹ Clams include jackknife, geoduck, heart cockle, Nuttall's and other cockles, Pacific littleneck, Japanese littleneck (*Prothaca*), and Eastern soft-shell clams.

 $^{^{20}}$ Crabs include yellow, rock, slender, red, and purple shore crabs.

MacKerricher SMCA		
Category of Species	Species	Gear Type
	purple shore crab	bait/line and cloth bag
	all	hand or hand appliances
limpets	shield limpet	hand or hand appliances
	slipper limpet	hand harvest
	squid	spear, bow and arrow
	market squid	net
octopus and squid	Pacific red octopus	hand or hand appliances (sharp stick)
	two spot octopus	hand or hand appliances (sharp stick)
	giant Pacific octopus	hand or hand appliances (sharp stick)
	giant green sea anemone	hand harvest, dive knife, bar, abalone iron
other invertebrates	other anemones	dive knife, bar
	California sea cucumber	hand harvest
	dentalium	hand harvest
	coonstripe shrimp	trap
shrimp	spot prawn	trap
	bay ghost shrimp	cloth bag
	red abalone	hand or hand appliances, free- diving, abalone iron
	black abalone	hand harvest
	Nucella	hand harvest
	black turban	hand harvest
snails and abalone	brown turban	hand harvest
snails and abaione	periwinkle	hand harvest
	checkered periwinkle	hand harvest
	Chinese hat	hand harvest, hand or hand appliances
	Olivella	hand harvest
	all	hand harvest
urchin	red sea urchin	hand or hand appliances, diving,

MacKerricher SMCA		
Category of Species	Species	Gear Type
		dive knife, rock pick, hand harvest
	purple sea urchin	hand or hand appliances, diving, dive knife, rock pick, hand harvest
	bull kelp	hand harvest
accuracy and plants	giant kelp	hand harvest
seaweed and plants	sea palm	hand harvest, knife
	ice plant	hand harvest
turf forming and foliose algae	sea lettuce	hand harvest
canopy forming algae ²¹	as listed	intertidal hand harvest
turf forming and foliose algae ²²	as listed	intertidal hand harvest
seabirds	eggs	hand harvest
feathers ²³	as listed	hand harvest
reatners	Blue Heron feathers	hand harvest
	sea lions	harpoon, spear, tow lines
mammals	seals	harpoon, spear, tow lines
	whales	harpoon, spear, tow lines
	shells	hand harvest
goological reservess	pebbles	hand harvest
geological resources	driftwood	hand harvest
	seasalt	hand harvest

MacKerricher SMCA

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Councils:

"As with the other MPAs, this SMCA needs Tribal use wording that is consistent with Tribal use wording in the rest of the MPAs. As with the other MPAs, state that co-management with the Tribes "shall" be allowed rather than "should" be allowed."

Comments from Individuals:

Disallow the take of black abalone for conservation.

²¹ Canopy forming algae include wakame, ocean ribbons, kombu, sweet kombu, feather boa, bladder wrack or rockweed, and walking-stick.

²² Turf forming and foliose algae include nori/laver, sea lettuce, Turkish towel, and Mendocino grapestone.

²³ Feathers include feathers from Great Blue Heron, duck, osprey, eagle, Brown Pelican, gulls and other shorebirds.

Table 4. Proposed uses for Ten Mile SMCA, Ten Mile Estuary SMCA and Vizcaino SMCA.

Ten Mile SMCA/ Ten Mile Estuary SMCA/ Vizcaino SMCA		
Category of Species	Species	Gear Type
coastal pelagic species ²⁴	as listed	dip net, round-haul, hand harves
eels	Pacific lamprey	spear, hook, hoop net, bow and arrow
() = (f' =).	California halibut	hook and line
flatfish	Pacific halibut	hook and line
	cabezon	hook and line
	kelp greenling	hook and line
our a constal a la	lingcod	hook and line, throw line
groundfish	rock greenling	hook and line
	rockfish	hook and line
	sculpin	hook and line
pelagic finfish	Pacific herring	dip net, cast net
salmon ²⁵	as listed	troll, hook and line, gill net, gig, gaff
	eulachon	dip net, beach net
smelt	surf smelt and night smelt	dip net, cast net, Hawaiian-type throw nets,
sea trout		string of throw lines/hooks
stickleback	stickleback fish	hook and line
	other surfperch including shiner surfperch	hook and line from shore, dip no cast net
surfperch	redtail surfperch	hook and line from shore, dip ne cast net
barnacles	acorn barnacle	hand or hand appliances
	giant barnacle	hand or hand appliances
	gooseneck barnacle	hand or hand appliances
	stalked barnacle	hand or hand appliances
chitons	gumboot (China slipper)	hand harvest, hand appliances, abalone iron

²⁴ Coastal pelagic species include northern anchovy, Pacific sardine, Pacific mackerel, and jack mackerel.

²⁵ Salmon include Chinook, Coho, steelhead/rainbow trout, cutthroat trout,, and other salmon.

Ten Mile SMCA/ Ten Mile Estuary SMCA/ Vizcaino SMCA		
Category of Species	Species	Gear Type
	mossy chiton	hand harvest
	woody chiton	hand harvest
	butter or smooth Washington clams	hand or hand appliances
	California mussel	hand harvest, hand or hand appliances
	oyster	hand harvest, hand or hand appliances
clams, mussels, and other bivalves	Pacific and fat gaper clam	hand or hand appliances
	Pacific littleneck clam	hand or hand appliances
	Pacific razor clam	hand or hand appliances
	quohog	hand or hand appliances
	rock scallop	hand harvest, dive knife, abalone iron, bar
other crabs ²⁶	purple shore crab	bait/line and cloth bag
crab	Dungeness crab	trap, hoop net
	shield limpet	hand or hand appliances
limpets	slipper limpet	hand or hand appliances
	all	hand or hand appliances
	market squid	net
	squid	spear, bow and arrow
octopus and squid	Pacific red octopus	hand or hand appliances (sharp stick)
	two spot octopus	hand or hand appliances (sharp stick)
	giant Pacific octopus	hand or hand appliances (sharp stick)
other clams ²⁷	as listed	hand or hand appliances
other crabs ²⁸	as listed	trap, hoop net
other invertebrates	California sea cucumber	hand harvest

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 $^{^{\}rm 26}$ Crabs include yellow, rock, slender, red, and purple shore crabs.

²⁷ Clams include jackknife, geoduck, heart cockle, Nuttall's and other cockles, Pacific littleneck, Japanese littleneck (*Prothaca*), and Eastern soft-shell clams.

²⁸ Crabs include yellow, rock, slender, red, and purple shore crabs.

Ten Mile SMCA/ Ten Mile Estuary SMCA/ Vizcaino SMCA		
Category of Species	Species	Gear Type
	dentalium	hand harvest
	giant green sea anemone	hand harvest, dive knife, bar, abalone iron
	other anemones	dive knife, bar
	coonstripe shrimp	trap
shrimp	spot prawn	trap
	bay ghost shrimp	cloth bag
	black turban	hand harvest
	brown turban	hand harvest
	checkered periwinkle	hand harvest
	Chinese hat	hand harvest, hand or hand appliances
anaile and abalana	Nucella	hand harvest
snails and abalone	Olivella	hand harvest
	periwinkle	hand harvest
	red abalone	free-diving, abalone iron, hand or hand appliances
	black abalone	hand harvest
	all	hand harvest
	purple sea urchin	hand or hand appliances, diving, dive knife, rock pick, hand harvest
urchin	red sea urchin	hand or hand appliances, diving, dive knife, rock pick, hand harvest, intertidal hand harvest
	bull kelp	hand harvest
seaweed and plants	giant kelp	hand harvest
	ice plant	hand harvest
	sea palm	commercial intertidal hand harvest, hand harvest, knife
turf forming and falless also 29	sea lettuce	hand harvest
turf forming and foliose algae ²⁹	as listed	intertidal hand harvest

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²⁹ Includes all turf forming and foliose algae listed in the data sheet: nori/laver, sea lettuce, Turkish towel, and Mendocino grapestone.

Ten Mile SMCA/ Ten Mile Estuary SMCA/ Vizcaino SMCA		
Category of Species	Species	Gear Type
seabirds	eggs	hand harvest
30	Blue Heron feathers	hand harvest
feathers ³⁰	as listed	hand harvest
	sea lions	harpoon, spear, tow lines
mammals	seals	harpoon, spear, tow lines
	whales	harpoon, spear, tow lines
	driftwood	hand harvest
geological resources	pebbles	hand harvest
	seasalt	hand harvest
	shells ³¹	hand harvest

Ten Mile SMCA

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Councils:

"As with the other MPAs, this SMCA needs Tribal use wording that is consistent with Tribal use wording in the rest of the MPAs."

Comments from Individuals:

Disallow the take of black abalone for conservation.

Ten Mile SMR

Comments from Councils:

"The Board is concerned about the apparent restrictions against Tribal uses and needs further explanation about planned uses and restrictions for this proposed MPA."

Vizcaino SMCA

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Councils:

"The Council wants this MPA to allow for Tribal uses consistent with the MLPAI marine conservation goals and historic Tribal uses, with the ability for the Council to conduct co-management with the state."

Comments from Individuals:

Disallow the take of black abalone for conservation.

³⁰ Feathers include feathers from Great Blue Heron, duck, osprey, eagle, Brown Pelican, gulls and other shorebirds.

³¹ Shells that are used on cultural items separate from food uses but are historically as important: red abalone, dentilium, Washington clam, *Olivella*.

Table 5. Proposed uses for Big Flat SMCA.

Big Flat SMCA		
Category of Species	Species	Gear Type
eels	Pacific lamprey	spear, bow and arrow
	cabezon	string of throw lines/hooks
avo un déia h	lingcod	hook and line
groundfish	rockfish	hook and line
	sculpin	hook and line
pelagic finfish	Pacific herring	dip net, cast net
salmon ³²	as listed	hook and line, gill net, gig, gaff
o malt	eulachon	dip net, beach net
smelt	surf smelt and night smelt	dip net, cast net
sea trout		string of throw lines/hooks
stickleback	stickleback fish	hook and line
surfperch		cast net
	acorn barnacle	hand or hand appliances
barnacles	gooseneck barnacle	hand or hand appliances
	stalked barnacle	hand or hand appliances
	gumboot (China slipper)	hand harvest
chitons	mossy chiton	hand harvest
	woody chiton	hand harvest
	California mussel	hand or hand appliances
	oyster	hand or hand appliances
clams, mussels, and other	rock scallop	hand or hand appliances
bivalves	clams	hand or hand appliances
	jackknife clam	hand or hand appliances
	cockle	hand or hand appliances
other crabs ³³	purple shore crab	bait/line and cloth bag
	shield limpet	hand harvest
limpets	slipper limpet	hand harvest
	other limpet	hand harvest

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³² Salmon include Chinook, Coho, steelhead/rainbow trout, cutthroat trout, and other salmon.

³³ Crabs include yellow, rock, slender, red, and purple shore crabs.

Big Flat SMCA		
Category of Species	Species	Gear Type
	squid	spear, bow and arrow
	Pacific red octopus	hand or hand appliances (sharp stick)
octopus and squid	two spot octopus	hand or hand appliances (sharp stick)
	giant Pacific octopus	hand or hand appliances (sharp stick)
ath an incomtable at a	giant green sea anemone	dive knife, bar
other invertebrates	other anemones	dive knife, bar
shrimp	bay ghost shrimp	cloth bag
	black turban	hand harvest
	brown turban	hand harvest
	checkered periwinkle	hand harvest
snails and abalone	Olivella	hand harvest
	periwinkle	hand harvest
	red abalone	hand harvest
	black abalone	hand harvest
ours le Co	purple sea urchin	dive knife, bar
urchin	red sea urchin	dive knife, bar
	bull kelp	hand harvest
and algoria	giant kelp	hand harvest
seaweed and plants	sea palm	hand harvest, knife
	seaweeds	hand harvest
seabirds	eggs	hand harvest
feathers ³⁴	as listed	hand harvest
	sea lions	harpoon, spear, tow lines
mammals	seals	harpoon, spear, tow lines
	whales	harpoon, spear, tow lines
madaminal massumess	driftwood	hand harvest
geological resources	pebbles	hand harvest

³⁴ Feathers include feathers from Great Blue Heron, duck, osprey, eagle, Brown Pelican, gulls and other shorebirds.

Big Flat SMCA		
Category of Species	Species	Gear Type
	seasalt	hand harvest
	shells ³⁵	hand harvest

Big Flat SMCA

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Councils:

"Ask Blue Ribbon Task Force for clarification. The narrative explanation for this SMCA states that "[t]he intent is to prohibit all extraction except tribal uses." The proposed take regulations do not reflect the intent. Obtain clarification from RSG regarding this apparent contradiction."

Comments by Individuals:

This MPA overlaps traditional tribal gathering and spiritual sites.

Co-management with tribes is requested for Big Flat SMCA.

Table 6. Comments on Petrolia Lighthouse SMR, Mattole Canyon SMR, and South Cape Mendocino SMR

Petrolia Lighthouse SMR

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Individuals:

Tribal gathering activity in this area is minimal but the proposed MPA overlaps with a tribal spiritual site. Co-management by tribes was suggested for Petrolia Lighthouse SMR.

Mattole Canyon SMR

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Individuals:

This MPA overlaps traditional tribal gathering and spiritual sites. Mattole Canyon is a location where, historically, members of the tribe used ocean canoes to fish for pelagic species. Currently this practice does not occur, but it is being reviewed and the tribe may want to engage in this activity in the future. Co-management by tribes was suggested for Mattole Canyon SMR.

South Cape Mendocino SMR

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Individuals:

Tribal gathering activity in this area is minimal but the proposed MPA overlaps with a tribal spiritual site. Co-management by tribes was suggested for South Cape Mendocino SMR.

³⁵ Shells that are used on cultural items separate from food uses but are historically as important: red abalone, dentilium, Washington clam, *Olivella*.

Table 7. Proposed uses for South Humboldt Bay SMRMA and North Humboldt Bay SMRMA.

South Humboldt Bay SMRMA/ North Humboldt Bay SMRMA		
Category of Species	Species	Gear Type
ara un déia b	white sturgeon	hook and line, sturgeon trap
groundfish	green sturgeon	hook and line, sturgeon trap
salmon ³⁶	as listed	weirs, net, spear
pelagic finfish	blue shark	hook and line, spear, harpoon
sharks, rays, and skates	leopard shark	hook and line, spear, harpoon
	Pacific and fat gaper clam	hand or hand appliances
clams, mussels, and other bivalves	butter or smooth Washington clams	hand or hand appliances
	quohog	hand or hand appliances
	Blue Heron feathers	hand harvest
	duck feathers	hand harvest
	osprey feathers	hand harvest
feathers	eagle feathers	hand harvest
	California Condor ³⁷	hand harvest
	mud hen feathers	hand harvest
geological resources	driftwood	hand harvest

South Humboldt Bay SMRMA

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Councils:

This MPA is the least desirable and will have the greatest impact on contemporary tribal subsistence gathering. This MPA is not supported.

Comments from Individuals:

This MPA is directly adjacent to tribal land and would have a large impact on subsistence gathering. This area is traditionally managed regionally with individual families having different territories within the Bay. Placement of an MPA in South Humboldt Bay will result in impacts to these individual families. Co-management by tribes was suggested for this MPA.

³⁶ Salmon include Chinook, Coho, steelhead, and other salmon.

³⁷ High importance for regalia

North Humboldt Bay SMRMA

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Councils:

Of the two SMRMAs proposed in Humboldt Bay, this MPA is more desirable and will have the least impact to modern tribal gathering.

Comments from Individuals:

Co-management by tribes was suggested for this MPA.

Table 8. Proposed uses for Samoa SMCA.

Samoa SMCA		
Category of Species	Species	Gear Type
coastal pelagic species ³⁸	as listed	dip net, throw net
eels	Pacific lamprey	hook, two pronged spear, basket eel trap
	California halibut	hook and line, net
flatfish	flounder (starry)	hook and line, net
nauisn	Pacific halibut	hook and line, net
	sand sole	hook and line, net
	cabezon	spear, hook and line, tottle harpoon, net
	green sturgeon	hook and line, sturgeon trap, spear, tottle harpoon, net
	kelp greenling	spear, hook and line, tottle harpoon, net
groundfish	lingcod	spear, hook and line, tottle harpoon, net
	rock greenling	spear, hook and line, tottle harpoon, net
	rockfish	spear, hook and line, tottle harpoon, net
	white sturgeon	hook and line, sturgeon trap, spear, tottle harpoon, net
pelagic finfish ³⁹	as listed	hook and line, harpoon, spear

 $^{^{38}}$ Coastal pelagic species include northern anchovy, Pacific sardine, Pacific mackerel, and jack mackerel.

Samoa SMCA		
Category of Species	Species	Gear Type
salmon ⁴⁰	as listed	spear, tottle harpoon, net, weirs
shark ⁴¹	as listed	Spear, harpoon, hook and line
amalt	eulachon	dip net, throw net
smelt	surf and night smelt	dip net, throw net
avefe avele	other surfperch including shiner surfperch	hook and line from shore, dip net, throw net
surfperch	redtail surfperch	hook and line from shore, dip net, throw net
took of	Pacific sanddab	hook and line, net
turbot	sand sole	hook and line, net
clams, mussels, and other	butter or smooth Washington clams	hand or hand appliances
bivalves	Pacific razor clam	hand or hand appliances
crab	Dungeness crab	trap, hoop net
	heart cockle	hand or hand appliances
other clams	Nuttall's cockle	hand or hand appliances
	Pacific littleneck clam	hand or hand appliances
snails and abalone	Olivella ⁴²	hand or hand appliances
	Blue Heron	hand harvest
	California Condor ⁴³	hand harvest
6 11	cormorants	hand harvest
feathers	duck	hand harvest
	eagle	hand harvest
	osprey	hand harvest
geological resources	pebbles ⁴⁴	hand harvest

³⁹ Pelagic finfish include barracudas, billfishes, dolphinfish, Pacific herring, blue shark, salmon shark, shortfin mako shark, thresher sharks, swordfish, tunas, and yellowtail.

⁴⁰ Salmon include Chinook, Coho, steelhead, and other salmon.

⁴¹ Sharks include leopard shark, California skate, big skate, bat ray, and spiny dogfish.

⁴² High importance for regalia

⁴³ High importance for regalia

⁴⁴ Franciscan chert used as tool stone

Samoa SMCA		
Category of Species	Species	Gear Type
	shells ⁴⁵	hand harvest
	California sea lion ⁴⁶	tottle harpoon, spear
mammals	Stellar sea lion ⁴⁷	tottle harpoon, spear
	grey whale ⁴⁸	hand or hand appliances

Samoa SMCA

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Councils:

The placement of an MPA in this area would be a great impact on contemporary tribal subsistence gathering.

Gathering of shells is becoming more important as the interest, from youth, in traditional dance and regalia expand.

Table 9. Proposed uses for False Klamath Cove SMCA (also known as Wilson Rock SMCA).

False Klamath Cove SMCA (Wilson Rock SMCA)

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Individuals:

Co-management was proposed for this MPA; in particular, self monitoring of tribal community members was a method that was suggested.

Table 10. Proposed uses for Pyramid Point SMCA.

Pyramid Point SMCA		
Category of Species	Species	Gear Type
finfish	all	dip net, beach net, hook and line from shore

⁴⁵ Including *Olivella* and small clams (Nuttall's cockle); collecting of shells important because younger generation is starting to practice traditions.

⁴⁶ Historical use, tusks used for medical and ceremonial regalia

⁴⁷ Historical use, tusks used for medical and ceremonial regalia

⁴⁸ Historical use, scavenged when washed up on beach

Pyramid Point SMCA		
Category of Species	Species	Gear Type
		hook and line from shore
invertebrates	all	hand harvest
clams, mussels, and other bivalves	all	hand harvest
other invertebrates	giant green sea anemone	hand harvest
urchin	all	hand harvest
marine aquatic plants	all	hand harvest
geological resources	driftwood	hand harvest
geological resources	shells	hand harvest

Pyramid Point SMCA

General Comments:

This MPA overlaps with an area of traditional tribal gathering.

Comments from Individuals:

It was suggested that Pyramid Point SMCA should extend from the shore seaward to Prince Island. Co-management of this area was proposed.

The take of geological resources should be allowed within the conservation area.